



## Project: *Maroochy Foreshore Replenishment Dredging*

Principal:

*Sunshine Coast Council*

Location:

*Maroochyore, Queensland*



### Maroochy River Dredging & Beach Nourishment Works

The Sunshine Coast Council (SCC) required additional dredging in the Maroochy River. The sand was needed for the replenishment of beaches.

The 450mm Cutter Suction Dredge the “Nu Endeavour” was used to dredge 20,000m<sup>3</sup> of sand from the Maroochy River. With the aid of a booster pump, the material was transferred through an existing 400mm diameter pipeline located in the dunes. The sand was used to renourish a 1.5km stretch of beach between the Maroochyore and Alexandra Headlands Surf Lifesaving Clubs.

The works was an option from the contract for the previous 70,000m<sup>3</sup> of material that was dredged, and was required by the Sunshine Coast City Council due to the Australian Surf Life Saving Championships being held at Maroochyore in April.



### Scope of Work

The requirements particular to the operation included:

- Supply of the 450mm CSD Dredge *Nu Endeavour*, booster pump and ancillary plant,
- Dredging of 20,000m<sup>3</sup> of sand from the approved area within the Maroochy River,
- Placement of 20,000m<sup>3</sup> of sand to the approved beach locations and profiles as required by SCC,
- Site rehabilitation and rectification as required.



Dredge	<b>Nu-Endeavour – Cutter Suction Dredge</b>	
Length	<b>34.5 m</b>	Gross Weight <b>201 tonne</b>
Pipe Dia.	<b>450 mm</b>	Digging Depth <b>2.5 – 15.0m</b>

